Sometimes It's PH

Sometimes what sounds like a horse... Could be a zebra.





Pulmonary hypertension is a medical zebra.

## **Pulmonary Hypertension for Cardiologists**

Unexplained Dyspnea or Elevated Pulmonary Artery Systolic Pressure (PASP) and/or RV dysfunction on echo



Severe PAH phenotype (normal LV, D-septum, RV dysfunction)

Or

PAH risk factors present

- Prior PE
- Connective Tissue Disease (Lupus, sclerodorma)
- HIV
- Stimulant use Portal hypertension
- Repaired or prevalent intra-cardiac shunts

Refer to Pulmonary Hypertension (PH) Clinic

Recognizable severe lung disease (eg Chronic Obstructive Pulmonary Disease, Interstitial Lung Disease)



Refer to respirology



PH explained by left heart disease

- Severe left-sided valvular disease
- Elevated Left Arterial pressures or pulmonary edema



Manage LHD, no PH therapy



PH unexplained or severity not in keeping with Left Heart Disease (LHD)

Right Heart Catheterization PFTs V/Q Scan

Pulmonary Vascular Resistance (PVR) normal

PVR > 2 WU (pre-capillary or combined pre- and- post capillary PH)

Refer to PH Clinic